



SEASONAL POSITION AVAILABLE

RECREATIONAL WATER - FIELD TECHNICIAN

WORK LOCATION: Dover, DE

EMPLOYMENT PERIOD: 5/17/10 – 8/20/10 (Approximate)

POSITION DESCRIPTION:

The Delaware Department of Natural Resources and Environmental Control is seeking an energetic and qualified individual to assist with projects assessing water quality and pollution surveys of Delaware's coastal bays and Atlantic Ocean. This is a seasonal Environmental Control Technician II position from approximately May through August (start and end dates are flexible). DNREC is using information from these projects to monitor the suitability of coastal waters for primary contact recreation and harvest of shellfish for human consumption. This person will be part of a small Shellfish and Recreational Water Program's monitoring and assessment team and will be an integral addition to our group. Field work will include site visits by foot and by boat, collecting water quality data on bacterial concentrations in recreational and shellfish waters, and assisting in a comprehensive shellfish survey of Delaware's Inland Bays as part of a field crew. Office work will involve data entry using Excel and Access, map creation and measurements using ArcGIS, completing paperwork including calculations, surveys and coordinating field visits with team members. Based on need, there may be opportunities for assistance with public outreach related projects. Time in the field will be determined by weather, staffing availability, research needs and site access.

SALARY/HOURS:

Pay is \$12.46/ hour for a 37.5 hour work week. Must be willing to work long days (up to 11 hours), in adverse conditions (heat, humidity, mosquitoes) in rough terrain (mud and muck) and work well with other team members.

RESPONSIBILITIES:

1. Collect water samples for bacterial monitoring programs and recording water parameters (salinity, temperature, pH, ect.) according to standard sampling protocols.
2. Assist with the development of maps and other documentation of study sites.
3. Assist in shoreline and floatable debris surveys of coastal waters.
4. Assist with compiling and managing field data into computer databases.
5. Assist in shellfish survey of Delaware's Inland Bays.

QUALIFICATIONS:

1. Experience collecting, compiling and maintaining data. Field work experience in marine environments a plus.
 - a. Proficiency with orienteering skills including the use of a compass, GPS and maps.
 - b. Experience collecting and recording data
2. Knowledge of environmental or ecological principles and practices.
3. Knowledge of computers and computer information systems (Microsoft Access, Excel, Word)
4. Basic GIS experience helpful but not required
5. Valid boater's education and PADI Dive certification helpful but not required.
6. Capacity and willingness to work long hours with 2-4 crew members in the field under physically demanding conditions (heat, humidity and insects). Boating experience is helpful but not required, although ability to function on a boat during varied weather conditions is required
7. A valid driver's license is required.

APPLICATION INSTRUCTIONS:

To apply: mail, fax or email current resume, cover letter addressing how you meet each qualification and the names and phone numbers of three (3) references by 4:00pm, April 26, 2010.

CONTACT:

Michael Bott
DNREC Watershed Assessment
820 Silver Lake Blvd., Ste 220
Dover, DE 19904
Michael.bott@state.de.us
phone 302-739-9939
fax 302-739-6140